



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/806277
Source: PCR/09 Rush
Date Processed by STIC: 8/26/2002

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:
1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY
FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.
PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)
PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:
<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.
Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.
Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
Or
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202



9/1/09

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/806,277

DATE: 08/26/2002

TIME: 14:09:05

Input Set : A:\pf0604usn_seqlist.txt

Output Set: N:\CRF3\08262002\I806277.raw

Does Not Comply
Corrected Diskette Needed

pp 1,6

etc

4 <110> APPLICANT: INCYTE PHARMACEUTICALS, INC.
 5 AU-YOUNG, Janice
 6 LAL, Preeti
 7 BANDMAN, Olga
 8 REDDY, Roopa
 9 BAUGHN, Mariah R.
 10 YUE, Henry
 11 HILLMAN, Jennifer L.
 13 <120> TITLE OF INVENTION: HUMAN CARBOHYDRATE-ASSOCIATED PROTEINS
 15 <130> FILE REFERENCE: PF-0604 PCT
 17 <140> CURRENT APPLICATION NUMBER: US/09/806,277
 18 <141> CURRENT FILING DATE: 2002-08-26
 20 <150> PRIOR APPLICATION NUMBER: 09/164,785; unassigned; 09/167,179; unassigned;
 09/191,838;
 W--> 21 unassigned;09/205,656; unassigned
 W--> 22 <151> PRIOR FILING DATE: 1998-10-01; 1998-10-01; 1998-10-06; 1998-10-06; 1998-11-13;
 W--> 23 1998-11-13; 1998-12-03; 1998-12-03
 25 <160> NUMBER OF SEQ ID NOS: 20
 27 <170> SOFTWARE: FastSEQ 3.0
 29 <210> SEQ ID NO: 1
 30 <211> LENGTH: 171
 31 <212> TYPE: PRT
 32 <213> ORGANISM: Homo sapiens
 34 <220> FEATURE:
 35 <221> NAME/KEY: misc_feature
 36 <223> OTHER INFORMATION: Incyte ID NO: 714029CD1
 38 <400> SEQUENCE: 1
 39 Met Ala Gly Ser Val Ala Asp Ser Asn Ala Val Val Lys Leu Asp
 40 1 5 10 15
 41 Asp Gly His Leu Asn Asn Ser Leu Ser Pro Val Gln Ala Asp
 42 20 25 30
 43 Val Tyr Phe Pro Arg Leu Ile Val Pro Phe Cys Gly His Ile Lys
 44 35 40 45
 45 Gly Gly Met Arg Pro Gly Lys Lys Val Leu Val Met Gly Ile Val
 46 50 55 60
 47 Asp Leu Asn Pro Glu Ser Phe Ala Ile Ser Leu Thr Cys Gly Asp
 48 65 70 75
 49 Ser Glu Asp Pro Pro Ala Asp Val Ala Ile Glu Leu Lys Ala Val
 50 80 85 90
 51 Phe Thr Asp Arg Gln Leu Leu Arg Asn Ser Cys Ile Ser Gly Glu
 52 95 100 105
 53 Arg Gly Glu Glu Gln Ser Ala Ile Pro Tyr Phe Pro Phe Ile Pro
 54 110 115 120
 55 Asp Gln Pro Phe Arg Val Glu Ile Leu Cys Glu His Pro Arg Phe

Place prior
application
number directly
above its filing
date

RAW SEQUENCE LISTING

DATE: 08/26/2002

PATENT APPLICATION: US/09/806,277

TIME: 14:09:05

Input Set : A:\pf0604usn_seqlist.txt

Output Set: N:\CRF3\08262002\I806277.raw

```

56          125          130          135
57 Arg Val Phe Val Asp Gly His Gln Leu Phe Asp Phe Tyr His Arg
58          140          145          150
59 Ile Gln Thr Leu Ser Ala Ile Asp Thr Ile Lys Ile Asn Gly Asp
60          155          160          165
61 Leu Gln Ile Thr Lys Leu
62          170
64 <210> SEQ ID NO: 2
65 <211> LENGTH: 666
66 <212> TYPE: PRT
67 <213> ORGANISM: Homo sapiens
69 <220> FEATURE:
70 <221> NAME/KEY: misc_feature
71 <223> OTHER INFORMATION: Incyte ID NO: 1450775CD1
73 <400> SEQUENCE: 2
74 Met Val Gln Lys Glu Ser Gln Ala Thr Leu Glu Glu Arg Glu Ser
75 1 5 10 15
76 Glu Leu Ser Ser Asn Pro Ala Ala Ser Ala Gly Ala Ser Leu Glu
77 20 25 30
78 Pro Pro Ala Ala Pro Ala Pro Gly Glu Asp Asn Pro Ala Gly Ala
79 35 40 45
80 Gly Gly Ala Ala Val Ala Gly Ala Ala Gly Gly Ala Arg Arg Phe
81 50 55 60
82 Leu Cys Gly Val Val Glu Gly Phe Tyr Gly Arg Pro Trp Val Met
83 65 70 75
84 Glu Gln Arg Lys Glu Leu Phe Arg Arg Leu Gln Lys Trp Glu Leu
85 80 85 90
86 Asn Thr Tyr Leu Tyr Ala Pro Lys Asp Asp Tyr Lys His Arg Met
87 95 100 105
88 Phe Trp Arg Glu Met Tyr Ser Val Glu Glu Ala Glu Gln Leu Met
89 110 115 120
90 Thr Leu Ile Ser Ala Ala Arg Glu Tyr Glu Ile Glu Phe Ile Tyr
91 125 130 135
92 Ala Ile Ser Pro Gly Leu Asp Ile Thr Phe Ser Asn Pro Lys Glu
93 140 145 150
94 Val Ser Thr Leu Lys Arg Lys Leu Asp Gln Val Ser Gln Phe Gly
95 155 160 165
96 Cys Arg Ser Phe Ala Leu Leu Phe Asp Asp Ile Asp His Asn Met
97 170 175 180
98 Cys Ala Ala Asp Lys Glu Val Phe Ser Ser Phe Ala His Ala Gln
99 185 190 195
100 Val Ser Ile Thr Asn Glu Ile Tyr Gln Tyr Leu Gly Glu Pro Glu
101 200 205 210
102 Thr Phe Leu Phe Cys Pro Thr Glu Tyr Cys Gly Thr Phe Cys Tyr
103 215 220 225
104 Pro Asn Val Ser Gln Ser Pro Tyr Leu Arg Thr Val Gly Glu Lys
105 230 235 240
106 Leu Leu Pro Gly Ile Glu Val Leu Trp Thr Gly Pro Lys Val Val
107 245 250 255

```

RAW SEQUENCE LISTING

DATE: 08/26/2002

PATENT APPLICATION: US/09/806,277

TIME: 14:09:05

Input Set : A:\pf0604usn_seqlist.txt

Output Set: N:\CRF3\08262002\I806277.raw

108	Ser	Lys	Glu	Ile	Pro	Val	Glu	Ser	Ile	Glu	Glu	Val	Ser	Lys	Ile
109					260					265					270
110	Ile	Lys	Arg	Ala	Pro	Val	Ile	Trp	Asp	Asn	Ile	His	Ala	Asn	Asp
111					275					280					285
112	Tyr	Asp	Gln	Lys	Arg	Leu	Phe	Leu	Gly	Pro	Tyr	Lys	Gly	Arg	Ser
113					290					295					300
114	Thr	Glu	Leu	Ile	Pro	Arg	Leu	Lys	Gly	Val	Leu	Thr	Asn	Pro	Asn
115					305					310					315
116	Cys	Glu	Phe	Glu	Ala	Asn	Tyr	Val	Ala	Ile	His	Thr	Leu	Ala	Thr
117					320					325					330
118	Trp	Tyr	Lys	Ser	Asn	Met	Asn	Gly	Val	Arg	Lys	Asp	Val	Val	Met
119					335					340					345
120	Thr	Asp	Ser	Glu	Asp	Ser	Thr	Val	Ser	Ile	Gln	Ile	Lys	Leu	Glu
121					350					355					360
122	Asn	Glu	Gly	Ser	Asp	Glu	Asp	Ile	Glu	Thr	Asp	Val	Leu	Tyr	Ser
123					365					370					375
124	Pro	Gln	Met	Ala	Leu	Lys	Leu	Ala	Leu	Thr	Glu	Trp	Leu	Gln	Glu
125					380					385					390
126	Phe	Gly	Val	Pro	His	Gln	Tyr	Ser	Ser	Arg	Gln	Val	Ala	His	Ser
127					395					400					405
128	Gly	Ala	Lys	Ala	Ser	Val	Val	Asp	Gly	Thr	Pro	Leu	Val	Ala	Ala
129					410					415					420
130	Pro	Ser	Leu	Asn	Ala	Thr	Thr	Val	Val	Thr	Thr	Val	Tyr	Gln	Glu
131					425					430					435
132	Pro	Ile	Met	Ser	Gln	Gly	Ala	Ala	Leu	Ser	Gly	Glu	Pro	Thr	Thr
133					440					445					450
134	Leu	Thr	Lys	Glu	Glu	Glu	Lys	Lys	Gln	Pro	Asp	Glu	Glu	Pro	Met
135					455					460					465
136	Asp	Met	Val	Val	Glu	Lys	Gln	Glu	Glu	Thr	Asp	His	Lys	Asn	Asp
137					470					475					480
138	Asn	Gln	Ile	Leu	Ser	Glu	Ile	Val	Glu	Ala	Lys	Met	Ala	Glu	Glu
139					485					490					495
140	Leu	Lys	Pro	Met	Asp	Thr	Asp	Lys	Glu	Ser	Ile	Ala	Glu	Ser	Lys
141					500					505					510
142	Ser	Pro	Glu	Met	Ser	Met	Gln	Glu	Asp	Cys	Ile	Ser	Asp	Ile	Ala
143					515					520					525
144	Pro	Met	Gln	Thr	Asp	Glu	Gln	Thr	Asn	Lys	Glu	Gln	Phe	Val	Pro
145					530					535					540
146	Gly	Pro	Asn	Glu	Lys	Pro	Leu	Tyr	Thr	Ala	Glu	Pro	Val	Thr	Leu
147					545					550					555
148	Glu	Asp	Leu	Gln	Leu	Leu	Ala	Asp	Leu	Phe	Tyr	Leu	Pro	Tyr	Glu
149					560					565					570
150	His	Gly	Pro	Lys	Gly	Ala	Gln	Met	Leu	Arg	Glu	Phe	Gln	Trp	Leu
151					575					580					585
152	Arg	Ala	Asn	Ser	Ser	Val	Val	Ser	Val	Asn	Cys	Lys	Gly	Lys	Asp
153					590					595					600
154	Ser	Glu	Lys	Ile	Glu	Glu	Trp	Arg	Ser	Arg	Ala	Ala	Lys	Phe	Glu
155					605					610					615
156	Glu	Met	Cys	Gly	Leu	Val	Met	Gly	Met	Phe	Thr	Arg	Leu	Ser	Asn

RAW SEQUENCE LISTING

DATE: 08/26/2002

PATENT APPLICATION: US/09/806,277

TIME: 14:09:05

Input Set : A:\pf0604usn_seqlist.txt

Output Set: N:\CRF3\08262002\I806277.raw

```

157          620          625          630
158 Cys Ala Asn Arg Thr Ile Leu Tyr Asp Met Tyr Ser Tyr Val Trp
159          635          640          645
160 Asp Ile Lys Ser Ile Met Ser Met Val Lys Ser Phe Val Gln Trp
161          650          655          660
162 Leu Ala Phe Ala Ala Asn
163          665
165 <210> SEQ ID NO: 3
166 <211> LENGTH: 307
167 <212> TYPE: PRT
168 <213> ORGANISM: Homo sapiens
170 <220> FEATURE:
171 <221> NAME/KEY: misc_feature
172 <223> OTHER INFORMATION: Incyte ID NO: 3369350CD1
174 <400> SEQUENCE: 3
175 Met Arg Arg Gly Arg Ala Gly Pro Gly Arg Ala Gly Gly Ala Arg
176 1 5 10 15
177 Ser Ala Ser Trp Met Ser Arg Leu Arg Ala Leu Leu Gly Leu Gly
178 20 25 30
179 Leu Leu Val Ala Gly Ser Arg Leu Pro Arg Ile Lys Ser Gln Thr
180 35 40 45
181 Ile Ala Cys Arg Ser Gly Pro Thr Trp Trp Gly Pro Gln Arg Leu
182 50 55 60
183 Asn Ser Gly Gly Arg Trp Asp Ser Glu Val Met Ala Ser Thr Val
184 65 70 75
185 Val Lys Tyr Leu Ser Gln Glu Glu Ala Gln Ala Val Asp Gln Glu
186 80 85 90
187 Leu Phe Asn Glu Tyr Gln Phe Ser Val Asp Gln Leu Met Glu Leu
188 95 100 105
189 Ala Gly Leu Ser Cys Ala Thr Ala Ile Ala Lys Ala Tyr Pro Pro
190 110 115 120
191 Thr Ser Met Ser Arg Ser Pro Pro Thr Val Leu Val Ile Cys Gly
192 125 130 135
193 Pro Gly Asn Asn Gly Gly Asp Gly Leu Val Cys Ala Arg His Leu
194 140 145 150
195 Lys Leu Phe Gly Tyr Glu Pro Thr Ile Tyr Tyr Pro Lys Arg Pro
196 155 160 165
197 Asn Lys Pro Leu Phe Thr Ala Leu Val Thr Gln Cys Gln Lys Met
198 170 175 180
199 Asp Ile Pro Phe Leu Gly Glu Met Pro Ala Glu Pro Met Thr Ile
200 185 190 195
201 Asp Glu Leu Tyr Glu Leu Val Val Asp Ala Ile Phe Gly Phe Ser
202 200 205 210
203 Phe Lys Gly Asp Val Arg Glu Pro Phe His Ser Ile Leu Ser Val
204 215 220 225
205 Leu Lys Gly Leu Thr Val Pro Ile Ala Ser Ile Asp Ile Pro Ser
206 230 235 240
207 Gly Trp Asp Val Glu Lys Gly Asn Ala Gly Gly Ile Gln Pro Asp
208 245 250 255

```

RAW SEQUENCE LISTING

DATE: 08/26/2002

PATENT APPLICATION: US/09/806,277

TIME: 14:09:05

Input Set : A:\pf0604usn_seqlist.txt

Output Set: N:\CRF3\08262002\I806277.raw

```

209 Leu Leu Ile Ser Leu Thr Ala Pro Lys Lys Ser Ala Thr Gln Phe
210                260                265                270
211 Thr Gly Arg Tyr His Tyr Leu Gly Gly Arg Phe Val Pro Pro Ala
212                275                280                285
213 Leu Glu Lys Lys Tyr Gln Leu Asn Leu Pro Pro Tyr Pro Asp Thr
214                290                295                300
215 Glu Cys Val Tyr Arg Leu Gln
216                305
218 <210> SEQ ID NO: 4
219 <211> LENGTH: 402
220 <212> TYPE: PRT
221 <213> ORGANISM: Homo sapiens
223 <220> FEATURE:
224 <221> NAME/KEY: misc_feature
225 <223> OTHER INFORMATION: Incyte ID NO: 1648214CD1
229 <400> SEQUENCE: 4
230 Met Met Val Ala Leu Arg Gly Ala Ser Ala Leu Leu Val Leu Phe
231 1          5          10          15
232 Leu Ala Ala Phe Leu Pro Pro Pro Gln Cys Ala Gln Asp Pro Ala
233          20          25          30
234 Met Val His Tyr Ile Tyr Gln Arg Phe Arg Val Leu Glu Gln Gly
235          35          40          45
236 Leu Glu Lys Cys Thr Gln Ala Thr Arg Ala Tyr Ile Gln Glu Phe
237          50          55          60
238 Gln Glu Phe Ser Lys Asn Ile Ser Val Met Leu Gly Arg Cys Gln
239          65          70          75
240 Thr Tyr Thr Ser Glu Tyr Lys Ser Ala Val Gly Asn Leu Ala Leu
241          80          85          90
242 Arg Val Glu Arg Ala Gln Arg Glu Ile Asp Tyr Ile Gln Tyr Leu
243          95         100         105
244 Arg Glu Ala Asp Glu Cys Ile Glu Ser Glu Asp Lys Thr Leu Ala
245         110         115         120
246 Glu Met Leu Leu Gln Glu Ala Glu Glu Lys Lys Ile Arg Thr
247         125         130         135
248 Leu Leu Asn Ala Ser Cys Asp Asn Met Leu Met Gly Ile Lys Ser
249         140         145         150
250 Leu Lys Ile Val Lys Lys Met Met Asp Thr His Gly Ser Trp Met
251         155         160         165
252 Lys Asp Ala Val Tyr Asn Ser Pro Lys Val Tyr Leu Leu Ile Gly
253         170         175         180
254 Ser Arg Asn Asn Thr Val Trp Glu Phe Ala Asn Ile Arg Ala Phe
255         185         190         195
256 Met Glu Asp Asn Thr Lys Pro Ala Pro Arg Lys Gln Ile Leu Thr
257         200         205         210
258 Leu Ser Trp Gln Gly Thr Gly Gln Val Ile Tyr Lys Gly Phe Leu
259         215         220         225
260 Phe Phe His Asn Gln Ala Thr Ser Asn Glu Ile Ile Lys Tyr Asn
261         230         235         240
262 Leu Gln Lys Arg Thr Val Glu Asp Arg Met Leu Leu Pro Gly Gly

```

097806,277 6

<210> 15
<211> 316
<212> PRT
<213> Homo sapiens

<300>

<308> g2810994

<309> ← insert this and its response wherever
<308> has a
response

same env in segs. 16-20

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/806,277

DATE: 08/26/2002

TIME: 14:09:06

Input Set : A:\pf0604usn_seqlist.txt

Output Set: N:\CRF3\08262002\I806277.raw

L:17 M:270 C: Current Application Number differs, Replaced Current Application Number
L:18 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:21 M:259 W: Allowed number of lines exceeded, <150> PRIOR APPLICATION NUMBER:
L:22 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD
L:23 M:259 W: Allowed number of lines exceeded, <151> PRIOR FILING DATE:
L:781 M:256 W: Invalid Numeric Header Field, Identifier <309> Expected, SEQ:15
L:836 M:256 W: Invalid Numeric Header Field, Identifier <309> Expected, SEQ:16
L:989 M:256 W: Invalid Numeric Header Field, Identifier <309> Expected, SEQ:17
L:1014 M:256 W: Invalid Numeric Header Field, Identifier <309> Expected, SEQ:18
L:1088 M:256 W: Invalid Numeric Header Field, Identifier <309> Expected, SEQ:19
L:1150 M:256 W: Invalid Numeric Header Field, Identifier <309> Expected, SEQ:20